Cancer and Ageing Programme

Virtual Event

3 - 4 December 2024

Scientific Programme

Tuesday 3rd December 2024

Listed times are in Central European Time (CET)

13:00 WELCOME TO DAY ONE

SESSION 1

Chair: Amaya Viros

13:05 **Marco Demaria**
University of Groeningen, Netherlands
"Cellular senescence and other hallmarks of aging in cancer: friends or foes?"

Q&A 13:25-13:35

13:35 **Andrea Alimonti**
Institute of Oncology Research, Switzerland
"Pros & Cons of senescence in cancer therapy"

Q&A 13:55-14:05

14:05 **Cristina Liboni**
Centre pour la Recherche en Biomédicine Strasbourg (CRBS), France
Proffered Paper 1: "Neutrophils promote age-induced metastasis"

Q&A 14:15-14:20

14:20 REFRESHMENT BREAK

SESSION 2

Chair: Andrea Alimonti

14:40 **Maria Mittelbrunn**
Madrid CBM, Spain
"Age-Related Changes in T Cells: Considerations for Cancer Therapy"

Q&A 15:00-15:10

15:10 **Simona Fusco**
San Raffaele Telethon Institute for Gene Therapy, Italy
Proffered Paper 2: "Therapy-induced senescent cells upregulate antigen processing and presentation machinery and elicit anti-tumor immunity in Acute Myeloid Leukemia"

Q&A 15:20-15:25

15:25 **Andrés Hidalgo**
Yale University, USA
"Multifaceted neutrophils in cancer"

Q&A 15:45-15:55

15:55 SPOTLIGHT PRESENTATIONS
2 five minute Spotlight talks, from high-scoring abstracts submitted to the

meeting.

16:15 FLASH TALKS - SESSION 1

A selection of short 3-minute flash talks from selected abstracts submitted to the meeting.

16:30 END OF DAY 1

Wednesday 4th December 2024

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14:00 WELCOME TO DAY TWO

SESSION 3

Chair: Marco Demaria

14:05 **Thomas Helleday**
Karolinska Institutet, Sweden
"Targeting oxidative DNA repair at the crossroad of cancer and ageing"

Q&A 14:25-14:35

14:35 **Amaya Viros**
CRUK, UK
"Adipocyte age dependent metabolic programming dictates melanoma metastatic burden and tropism"

Q&A 14:55-15:05

15:05 **Frances Turrell**
University of Manchester, UK
Proffered Paper 3: "Age-associated microenvironmental changes highlight the role of PDGF-C in ER+ breast cancer metastatic relapse"

Q&A 15:15-15:20

15:20 FLASH TALKS - SESSION 2

A selection of short 3-minute flash talks from selected abstracts submitted to the meeting.

15:35 REFRESHMENT BREAK

SESSION 4

Chair: Andres Hidalgo

15:55 **Manuel Colucci**
Institute of Oncology Research (IOR), Switzerland
Proffered Paper 4: "Retinoic acid receptor activation reprograms senescence response and enhances anti-tumor activity of natural killer cells"

Q&A 16:05-16:10

16:10 **Ashani Weeraratna**
Johns Hopkins Bloomberg School of Public Health, USA
"Age Against The Machine: The Impact of Aging on Tumor Progression."

Q&A 16:30-16:40

16:40 **Sheila Stewart**
Washington University School of Medicine, USA
"Age-related changes drive breast tumorigenesis"

Q&A 17:00-17:10

17:10 CONFERENCE SUMMARY

Our Scientific Programme Committee members, Andrea Alimonti, Marco Demaria, Amaya Viros and Andres Hidalgo will join together to deliver their thoughts and a summary of the meeting.